REMARKS

This amendment responds to the Office Action mailed on June 25, 2003, which objects to the drawings, objects to claims 1, 14 and rejects all of the pending claims (claims 1-14). Claims 1, 8-9 and 14 have been amended. Claims 21-51 have been added. No new matter has been added. Applicant respectfully submits that the application is now in condition for allowance. Accordingly, Applicant request reconsideration, removal of the objections and rejections, and allowance of all of the pending claims.

AMENDMENTS

Claims 1, 8-9 and 14 have been amended. The specification provides support for the amendments, for example, but not limited to, at one or more portions of FIGS. 1-12 and/or one or more portions of page 8, line 6-page 22, line 15.

ADDED CLAIMS

Claims 21-51 have been added. The specification provides support for the added claims, for example, but not limited to, at one or more portions of FIGS. 1-12 and/or one or more portions of page 8, line 6-page 22, line 15.

OBJECTIONS TO DRAWINGS

Paragraph 2 of the Office Action objects to the drawings as failing to comply with 37 CFR 1.84(p)(5) because they do not include "T" and "R" mentioned in the text. The Office Action states that a proposed drawing correction or corrected drawings is required.

Applicants traverse the objection to the drawings.

The specification states that FIGS. 1-12 illustrates an insert 10 "with electrically conductive lead frames 16, 18, 20, 22, 24, 26, 28 and 30" (page 13, lines 6-9). Such lead frames and the associated reference numerals "16, 18, 20, 22, 24, 26, 28 and 30" are clearly shown in FIG. 1.

Although the specification further states that "lead frames 30, 26, 22, and 18' are designated ring R' (i.e., negative voltage transmission) and lead frames 28, 24, 20, 16" are designated T'(i.e., positive voltage transmission)", this statement, by itself, does not require that

R' and T' are reference characters. This is especially the case in view of the presence of reference numerals "16, 18, 20, 22, 24, 26, 28 and 30", already discussed above.

For all the reasons above, R' and T' are not required to be shown in the drawings.

Accordingly, reconsideration and removal of the objection is respectfully requested.

If after this response, the Examiner decides to repeat this objection, the Examiner is requested to issue a NEW NON-FINAL OFFICE ACTION that completely articulates the basis for the objection, including an explanation as to the reasons why R' and T' must be viewed as reference characters as refered to in 37 CFR 1.84(p)(5).

OBJECTIONS TO CLAIMS

Paragraph 3 of the Office Action objects to claims 1 and 14 under 37 C.F.R. 1.75 (d)(1) on the grounds that the term "connector devices" recited in claims 1 and 14 does not find clear support or antecedent basis in the description so that the meaning of the term in the claims may be ascertainable by reference to the description.

Applicants traverse the objection. The term "connector devices" finds clear support and/or antecedent basis in the description and the meaning of the term "connector device" is clear to one of ordinary skill in the art. The specification states that:

> [t]he insert is preferably composed of . . . . a plurality of pairs of electrically conductive elongated members. Each elongated member generally includes a front end portion which includes a contact portion exposed in the receiving space of the modular housing for making electrical contact with the media plug contacts. The elongated conductive members also have rear end portions that include an electrically conductive **connector device** for connecting and transmitting a signal to other devices.

(page 8, line 24-page 9, line 1) (emphasis added)

Moreover, examples of a connector device are clearly represented in, and described with respect to, FIGS. 1-12. For example, the specification states that:

> [e]ach lead frame 16 through 30 is substantially elongated with curved or bent body portions 33, including contact portion 34, a first end portion 41 and an electrical **connector pin 42** at opposing second end portion 35. **Connector pins** 42 extend from inner end 40 and may be mated with other components or cables.

(page 13, line 27-page 14, line 4)(emphasis added)

In view of the above, Applicants submit that the term "connector devices" finds clear support and/or antecedent basis in the description and that the meaning of the term "connector device" is clear to one of ordinary skill in the art.

Accordingly, reconsideration and removal of the objection is requested.

REJECTIONS UNDER 35 U.S.C. 112

Paragraphs 4-5 of the Office Action reject claims 1-14 as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Office Action states that:

> It is unclear to the examiner exactly what the support mem comprises. For examination purposes the examiner shall assume upper and lower portions 12 and 14. It is also unclear what are the connector devices. For examination purposes the examiner shall assume connector pin.

(Office Action, page 3, lines 1-4)

Applicants traverse the rejections.

The term "support member" is clear to one of ordinary skill in the art. The specification clearly states that:

> [d]evices and/or systems according to the present disclosure include an insert . . . . The insert is preferably composed of a dielectric **support member** . . .
>
> . . . .
>
> Preferably, the disclosed insert is used in a modular jack for receiving and compensating a signal transmitted through the eight leads from a standard RJ45 wire plug. . . . For the EIA T568B or T568A style configurations of category 5 and 6 UTP cabling (and most others), there are also eight positions. Thus, there are eight elongated conductive elements disposed on the dielectric **support member** .

(page 8, line 23 -page 10, line 7)(emphasis added)

Moreover, an example of a support member is clearly represented in, and described with respect to, FIGS. 1-12. For example, the specification states that:

> Referring now to the drawings, Figures 1-12 illustrate an embodiment of a dielectric interface modular . . . . Insert 10 has an upper portion 12 seated on a lower portion 14, with electrically conductive lead frames 16, 18, 20, 22, 24, 26, 28 and 30 . . . .
>
> . . . .
>
> Referring now to Figure 2, upper portion 12 further includes a curved **support** ramp 44 which extends under a portion of lead frames 16, 20, 24 and 28 for, among other things, **supporting** and increasing the flexibility of the lead frames. Similarly, lower portion 14 further includes a ramped **support** portion 46 which extends under a portion of lead frames 18, 22, 26 and 30.

(page 13, line 6-page 14, line 14)(emphasis added)

In view of the above, Applicants submit that the term "support member" is clear to one of ordinary skill in the art. Accordingly, reconsideration and removal of the rejection is hereby requested.

The term "connector device" is also clear to one of ordinary skill in the art. As stated above with respect to the OBJECTIONS TO CLAIMS, the specification states that:

> [t]he insert is preferably composed of . . . . a plurality of pairs of electrically conductive elongated members. Each elongated member generally includes a front end portion which includes a contact portion exposed in the receiving space of the modular housing for making electrical contact with the media plug contacts. The elongated conductive members also have rear end portions that include an electrically conductive **connector device** for connecting and transmitting a signal to other devices.

(page 8, line 24-page 9, line 1) (emphasis added)

Moreover, examples of a connector device are clearly represented in, and described with respect to, FIGS. 1-12. For example, the specification states that:

> [e]ach lead frame 16 through 30 is substantially elongated with curved or bent body portions 33, including contact portion 34, a first end portion 41

> and an electrical **connector pin 42** at opposing second end portion 35. **Connector pins** 42 extend from inner end 40 and may be mated with other components or cables.

(page 13, line 27-page 14, line 4)(emphasis added)

Accordingly, reconsideration and removal of the rejection is hereby requested.

Paragraph 6 of the Office Action states that claims 1, 8, 9 and 14 include terms that lack antecedent basis. In particular, the Office Action states that:

> Claim 1 recites the limitation "the data" in line 1; claim 8, line 1 recites "the connecting devices"; claim 9, line 2 recites "the eight leads" and claim 14, lines 1-2 recites "the first row connecting devices" and "the second row connecting devices". There is insufficient antecedent basis for these limitations in the claims.

(Office Action, page 3, lines 5-8)

Claims 1, 8, 9 and 14 have been amended. No new matter has been added. Reconsideration is respectfully requested.

REJECTIONS UNDER 35 U.S.C. 102

Paragraphs 7-8 of the Office Action reject claims 1-8 under 35 U.S.C. 102(e) as being anticipated by Arnett et al. The Office Action states that:

> Arnett et al. disclose an insert 28 comprising: a dielectric support member 30 having a plurality of pairs of electrically conductive elongated members 32, each elongated member having a front end portion 34 including a contact portion 41 a rear end portion 40 including an electrically conductive connector device 42, wherein the plurality of pairs of elongated members are disposed on the support member in positional relationships with respect to each other such that a capacitance is formed for compensating electrical noise during transmission of a signal.

(Office Action, page 4, line 22-page 5, line 4)

Applicants traverse the rejection.

First, the Office Action has not properly identified the prior art relied upon in the rejection set forth above. The Office Action refers Arnett et al., however, the Office Action does not state the patent number thereof. Moreover, although the list of patents of record to date show two patents issued to Arnett et al., i.e., U.S. Patent Nos. 6,186,834 and 6,155,881, neither of these patents includes the reference numbers 28, 34, 41, 40 and 42 cited in rejection set forth above.

Thus, the Office Action has not met the basic requirements of a proper rejection and the rejection should therefore be withdrawn.

The rejection is also traversed on the ground that neither U.S. Patent No. 6,186,834 issued to Arnett et al. (hereafter Arnett '834) nor U.S. Patent No. 6,155,881 issued to Arnett et al. (hereafter Arnett '881) teaches or suggests the features recited in the claims.

CLAIMS 1-8

Claim 1, as amended, recites an "insert in a data signal transmission media plug receiving space of a modular housing, comprising: a dielectric support member supporting a plurality of pairs of electrically conductive elongated members, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a second portion disposed immediately forward of the contact portion, the rear end portion including an electrically conductive connector device, wherein the plurality of pairs of elongated members are disposed in positional relationships with respect to each other such that a capacitance is formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for compensating electrical noise during transmission of a signal."

Arnett '881 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in amended claim 1.

Arnett '881 discloses a communication connector assembly 10 (col. 2, line 65). The assembly includes a number of electrically conductive terminals 12a-12h (col. 2, line 66-col. 3, line 3). The terminals 12a-12h have terminal portions 14a-14h that have free ends positioned beneath a rear portion of the housing 16 and are arranged to contact corresponding exposed terminals of a mating plug connector (col. 3, lines 4-11). The terminals also have terminal portions 22a-22h for making electrical connections between the connector assembly 10 and outside circuits (col. 3, lines 12-14) The terminal housing 16 is a two part housing comprising a top part 18 and a bottom part 20. An electrical circuit component 30 is disposed beneath the bottom part 20 of the housing (col. 3, lines 46-47).

However, in the connector of Arnett '881, it appears that none of the terminal portions 14a-14h are disposed between the front of the terminals 12a-12h and a rear portion of the terminals 12a-12h.

Therefore, even if the terminals 12a-12h constitute electrically conductive elongated members, and even if the terminal portions 14a-14h constitute contact portions, Arnett '881 can not possibly teach or suggest a contact portion disposed between the rear end of an electrically conductive elongated member and a front of the front end portion of the electrically conductive elongated member. Consequently, Arnett '881 cannot teach or suggest a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in amended claim 1.

Arnett '834 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion and a second portion disposed immediately forward of the contact portion, where "a capacitance is formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for compensating electrical noise during transmission of a signal, as recited in amended claim 1.

Arnett '834 discloses a communication connector assembly 10 and a communication jack frame or housing 12 into which the assembly 10 can be inserted and mounted (col. 3, lines 9-12). The assembly includes a number of elongated contact wires 18a-18h (col. 3, lines 23-26). The contact wires have portions 70a-70h that are engaged by a mating connector along a direction parallel to the top surface (col. 3, lines 38-43).

However, , even if the wires 18a-18h constitute electrically conductive elongated members, and even if the portions 70a-70h constitute contact portions, Arnett '834 does not teach or suggest a second portion disposed immediately forward of the contact portion, and a capacitance "formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for compensating electrical noise during transmission of a signal", as recited in amended claim 1.

Consequently, neither Arnett '881 nor Arnett '834 teach or suggest an "insert in a data signal transmission media plug receiving space of a modular housing, comprising: a dielectric support member supporting a plurality of pairs of electrically conductive elongated members, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a second portion disposed immediately forward of the contact portion, the rear end portion including an electrically conductive connector device, wherein the plurality of pairs of elongated members are disposed in positional relationships with respect to each other such that a capacitance is formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for compensating electrical noise during transmission of a signal", as recited in amended claim 1.

Accordingly, reconsideration and allowance of claim 1, as amended, is respectfully requested.

Claims 2-8 depend from claim 1 and are therefore patentable for at least the same reasons as stated above for claim 1. Accordingly, allowance of claims 2-8 is respectfully requested.

REJECTIONS UNDER 35 U.S.C. 103

Paragraphs 9-10 of the Office Action reject claims 9-10 and 12-14 under 35 U.S.C. 103(a) as being unpatentable over Arnett et al. The Office Action states that:

> Arnett et al. disclose the invention substantially as claimed except for the insert being used for a RJ45 wire plug. Arnett et al. disclose an insert 28 comprising: a dielectric support member 30 having eight electrically

> conductive elongated members 32, each elongated member having a front end portion 34 including a contact portion 41 a rear end portion 40 including an electrically conductive connector device 42, wherein the plurality of pairs of elongated members are disposed on the support member in positional relationships with respect to each other such that a capacitance is formed for compensating electrical noise during transmission of a signal.

(Office Action, page 5, lines 7-13)

Paragraph 11 of the Office Action rejects claim 11under 35 U.S.C. 103(a) as being unpatentable over Arnett et al. in view of Pharney et al. 6,086,428. The Office Action states that:

> Arnett et al. disclose the invention substantially as claimed except for the rear portions including transverse portions with respect to the longitudinal axis. However, Pharney et al. disclose rear portions including transverse portions with respect to the longitudinal axis (see fig 3B, terminals 1 and 8). Therefore, it would have been obvious to one of ordinary skill to modify the insert of Arnett et al. by forming the rear portions with transverse portions to conform to the housing cavities as taught by Pharney et al.

(Office Action, page 5, line 21-page 6, line 4)

Applicants traverse the rejections.

First, the rejections are improper because the Office Action has not identified the evidence that allegedly supports the proposed modifications and/or combinations. The Examiner bears the initial burden of factually supporting any prima facie conclusion of obviousness, by presenting evidence of a suggestion or motivation to modify or combine the references as proposed including evidence of a reasonable expectation of the success of doing so. To the contrary, the Office Action simply assumes that one skilled in the art would want to do so. However, the mere fact that references can be combined or modified does not render the resultant combination obvious unless the prior art also suggests the desirability of the resultant combination (MPEP 2143.01 citing In re Mills, 916 F.2d 780, 16 USPQ2d 1430 (Fed. Cir. 1990)). Without identifying such evidence, the Office Action has not met the basic requirements

of a prima facie case as set forth in MPEP 2143, and therefore, the modifications and/or combinations are improper.

If after this response, the Examiner decides to repeat any of these rejections, the Examiner is requested to issue a NEW NON-FINAL OFFICE ACTION that completely articulates the basis for the rejection, including the evidence demonstrating that the references or prior art suggest the combination being proposed.

Applicants also traverse the rejections on the grounds that the Office Action has not properly identified the prior art relied upon in the rejection set forth above. As stated above with respect to the REJECTIONS UNDER 35 U.S.C. 102, the Office Action refers Arnett et al., however, the Office Action does not state the patent number thereof. Moreover, although the list of patents of record to date show two patents issued to Arnett et al., i.e., U.S. Patent Nos. 6,186,834 and 6,155,881, neither of these patents includes the reference numbers 28, 34, 41, 40 and 42 cited in rejection set forth above.

Thus, the Office Action has not met the basic requirements of a proper rejection and the rejection should therefore be withdrawn.

The Applicants also traverse the rejections on the grounds that neither Arnett '881 nor Arnett '834, nor Pharney '428, nor any proposed modification or combination thereof, teaches or suggests each of the features recited in amended claim 9..

CLAIMS 9-14

Claim 9, as amended, recites an "insert in a modular jack for receiving and compensating a signal transmitted through eight leads from a standard RJ45 wire plug, comprising: a dielectric support member; and eight elongated conductive elements disposed on the support member, each element having a front portion and a rear portion, each front portion having a contact portion for establishing electrical contact with one of the eight leads, the contact portion being disposed between the rear portion and a front of the front portion, the front portion further including a second portion disposed immediately forward of the contact portion, each rear portion having a connecting device for further transmission of the signal, wherein the elements are in a positional relationship with respect to each other for forming a capacitance between the second portion of one of the elongated conductive elements and the second portion of another of the elongated

conductive elements not positioned adjacent to said second portion of said one elongated conductive element to compensate electrical noise during transmission of the signal."

Neither Arnett '881 nor Arnett '834, nor any proposed modification thereof, teaches or suggests each of the features recited in amended claim 9.

For example, Arnett '881 does not teach or suggest an insert with eight elongated conductive elements each having a front portion and a rear portion where the front portion has a contact portion "disposed between the rear portion and a front of the front portion", as recited in amended claim 9.

Arnett '834 does not teach or suggest an insert with eight elongated conductive elements each having a front portion and a rear portion where the front portion includes a contact portion and a second portion "disposed immediately forward of the contact portion" and where a capacitance is formed "between the second portion of one of the elongated conductive elements and the second portion of another of the elongated conductive elements not positioned adjacent to said second portion of said one elongated conductive element to compensate electrical noise during transmission of the signal, as recited in amended claim 9.

Pharney '428 does not teach or suggest an insert with eight elongated conductive elements each having a front portion and a rear portion where the front portion has a contact portion "disposed between the rear portion and a front of the front portion", as recited in amended claim 9.

Consequently, neither Arnett '881, nor Arnett '834, nor Pharney '428, nor any proposed modification thereof, teaches or suggests an "insert in a modular jack for receiving and compensating a signal transmitted through eight leads from a standard RJ45 wire plug, comprising: a dielectric support member; and eight elongated conductive elements disposed on the support member, each element having a front portion and a rear portion, each front portion having a contact portion for establishing electrical contact with one of the eight leads, the contact portion being disposed between the rear portion and a front of the front portion, the front portion further including a second portion disposed immediately forward of the contact portion, each rear portion having a connecting device for further transmission of the signal, wherein the elements are in a positional relationship with respect to each other for forming a capacitance between the second portion of one of the elongated conductive elements and the second portion of another of the elongated conductive elements not positioned adjacent to said second portion of said one

elongated conductive element to compensate electrical noise during transmission of the signal", as recited in amended claim 9.

Accordingly, reconsideration and allowance of claim 9, as amended, is respectfully requested.

Claims 10-14 depend from claim 9 and are therefore patentable for at least the same reasons as stated above for claim 9. Accordingly, allowance of claims 10-14 is respectfully requested.

CLAIMS 21-25

Claims 21-25 depend from claim 1 and are therefore patentable for at least the same reasons as stated above for claim 1. Accordingly, allowance of claims 21-25 is respectfully requested.

CLAIMS 26-33

Claim 26 recites an "insert for a modular housing having a data signal transmission media plug receiving space, the insert comprising: a dielectric support member; and a plurality of pairs of electrically conductive elongated members supported by the dielectric support member, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion to be exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a second portion that is disposed immediately forward of the contact portion, the rear end portion including a portion for connecting to the elongated member, wherein the plurality of pairs of elongated members are disposed in positional relationships with respect to each other such that a capacitance is formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for reducing electrical noise during transmission of a signal.

Neither Arnett '881 nor Pharney '428 teaches or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in claim 26.

Arnett '834 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion and "a second portion that is disposed immediately forward of the contact portion" and where "the plurality of pairs of elongated members are disposed in positional relationships with respect to each other such that a capacitance is formed between the second portion of one of the elongated members and the second portion of another of the elongated members not positioned adjacent to said second portion of said one elongated member for reducing electrical noise during transmission of a signal" as recited in claim 26.

Accordingly, allowance of claim 26 is respectfully requested.

Claims 27-33 depend from claim 26 and are therefore patentable for at least the same reasons as stated above for claim 26. Accordingly, allowance of claims 27-33 is respectfully requested.

CLAIMS 34-41

Claim 34 recites an "insert for a modular housing having a data signal transmission media plug receiving space, the insert comprising: a dielectric support member; and a plurality of pairs of electrically conductive elongated members supported by the dielectric support member, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion to be exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a curved portion that is disposed forward of the contact portion and defines a shape, the rear end portion including a portion for connecting to the elongated member, wherein the shape defined by the curved portion of one of the elongated members is substantially asymmetrical to the shape defined by the curved portion of another of the elongated members positioned adjacent to said curved portion of said one elongated member and wherein said shape defined by said curved portion of said one elongated member is substantially symmetrical to the shape defined by the curved portion of another of the elongated members not positioned adjacent to said curved portion of said one elongated member."

Neither Arnett '881 nor Pharney '428 teaches or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end

portion where the front end portion includes a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in claim 34.

Arnett '834 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion and "a curved portion that is disposed forward of the contact portion and defines a shape" and where "the shape defined by the curved portion of one of the elongated members is substantially asymmetrical to the shape defined by the curved portion of another of the elongated members positioned adjacent to said curved portion of said one elongated member and wherein said shape defined by said curved portion of said one elongated member is substantially symmetrical to the shape defined by the curved portion of another of the elongated members not positioned adjacent to said curved portion of said one elongated member" as recited in claim 34.

Accordingly, allowance of claim 34 is respectfully requested.

Claims 35-41 depend from claim 34 and are therefore patentable for at least the same reasons as stated above for claim 34. Accordingly, allowance of claims 35-41 is respectfully requested.

CLAIMS 42-48

Claim 42 recites an "insert for a modular housing having a data signal transmission media plug receiving space, the insert comprising: a dielectric support member; and a plurality of pairs of electrically conductive elongated members supported by the dielectric support member, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion to be exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a bent portion disposed forward of the contact portion, the rear end portion including a portion for connecting to the elongated member, wherein the bent portion of one of the elongated members defines a shape that is concave with respect to an upper surface of the support member and the bent portion of another one of the elongated members positioned adjacent to said one of the elongated members defines a shape that is convex with respect to said upper surface of the support member."

Neither Arnett '881 nor Pharney '428 teaches or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in claim 42.

Arnett '834 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion and a bent portion "disposed forward of the contact portion" and where "the bent portion of one of the elongated members defines a shape that is concave with respect to an upper surface of the support member and the bent portion of another one of the elongated members positioned adjacent to said one of the elongated members defines a shape that is convex with respect to said upper surface of the support member" as recited in claim 42.

Accordingly, allowance of claim 42 is respectfully requested.

Claims 43-48 depend from claim 42 and are therefore patentable for at least the same reasons as stated above for claim 42. Accordingly, allowance of claims 43-48 is respectfully requested.

CLAIMS 49-52

Claim 49 recites an "insert for a modular housing having a data signal transmission media plug receiving space, the insert comprising: a dielectric support member; and a plurality of pairs of electrically conductive elongated members supported by the dielectric support member, each elongated member having a front end portion and a rear end portion, the front end portion including a contact portion to be exposed in the receiving space for making electrical contact with a media plug contact, the contact portion being disposed between the rear end portion and a front of the front end portion, the front end portion further including a second portion disposed forward of the contact portion, the rear end portion including a portion for connecting to the elongated member, wherein the second portion of one of the elongated members has a portion separated from the second portion of another one of the elongated members positioned adjacent to said second portion of said one elongated member by a distance that is greater than twice the thickness of one of the elongated members."

Neither Arnett '881 nor Pharney '428 teaches or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion "disposed between the rear end portion and a front of the front end portion", as recited in claim 49.

Arnett '834 does not teach or suggest an insert with a plurality of pairs of electrically conductive elongated members each having a front end portion and a rear end portion where the front end portion includes a contact portion and "a second portion disposed forward of the contact portion" and where "the second portion of one of the elongated members has a portion separated from the second portion of another one of the elongated members positioned adjacent to said second portion of said one elongated member by a distance that is greater than twice the thickness of one of the elongated members" as recited in claim 49.

Accordingly, allowance of claim 49 is respectfully requested.

Claims 50-52 depend from claim 49 and are therefore patentable for at least the same reasons as stated above for claim 49. Accordingly, allowance of claims 50-52 is respectfully requested.

CONCLUSION

This application should now be in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes after this amendment, that the application is not in condition for allowance, the Examiner is requested to call the Applicants' attorney at the telephone number listed below.

Because the reasons above are sufficient to traverse the rejections, Applicants have not explored, nor do they now present, other possible reasons for traversing such rejections. Nonetheless, Applicants expressly reserve the right to do so, if appropriate, in response to any future Office Actions.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicants hereby request any necessary extension of time.

If an additional fee is required, authorization is hereby given to charge such additional fees to Deposit Account No. 50-1402.

Respectfully submitted,

Date: December 26, 2003

By _____
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PATENT

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Serial No. 09/982,073 Filing Date: 10/17/01 Atty: MS Client No: 695045.0056

Title: Dual Reactance Loop Notch Modular Connector Due Date: 12/26/03

- ☐ A patent application including pages of abstract and specifications and claims
- ☐ (Continuation) (Divisional) (CIP) (Provisional) (Utility) (CPA) (Complete) (Design) Application
- ☐ Response to Notice to File Missing Parts
- ☐ Copy of Notice to File Missing Parts
- ☐ ____ sheets of drawings ☐ formal ☐ informal
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- ☑ Amendment
- ☑ Amendment Fee Transmittal Letter
- ☑ Petition and Fee for Extension of Time
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- ☐ PTO Form 1449 and Copies of Cited References (___)
- ☐ Issue Fee Transmittal
- ☐ Submission of Formal Drawings
- ☐ Maintenance Fee
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- ☐ PCT Power of Attorney
- ☐ PCT Transmittal Letter
- ☐ PCT Fee Calculation Sheet
- ☐ PCT Response to Invitation
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ Check in the amount of _____
- ☐ Certificate of Mailing
- ☑ Certificate of Express Mailing
  No. EV398058335US
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Date December 26, 2003

MS